Paped March 9. 1829

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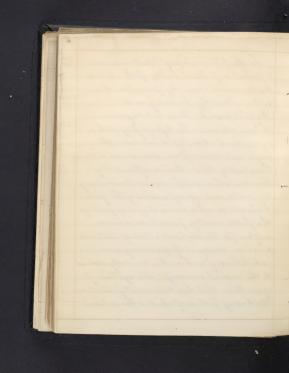
An Inaugural Gray On the Believe Pricase which prevail On the Rappahanneck Piner

Submitted to an examination of the Medical Faculty, by folin O. Porter

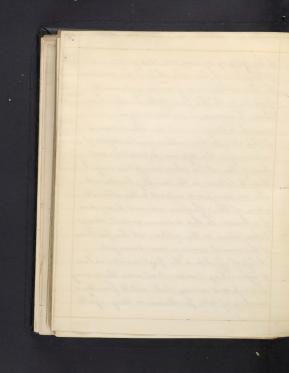
Of Tinginia, In the Degree of Coctor of Medicina

March 1829

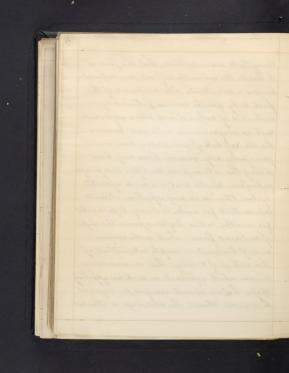
In the following Espay I shall endeavour to present a faithful history of the believes diseases which annually prevail in the section of country bordering on the Rappahannock River in Vergenco. Saking into view the topography of this region, we are at no lofs to determine the origin and source of our summer and autumnel Ferens, and of those Believes inflammatory disorders which call for remedial aid during the winter and spring seasons of the year. Extensive marshes intersecting every part of this fertile country, present an immense surface for the combined action of heat and moisture, consequently producing mosmatic exhatations of a character, decidedly noxious to the animal economy. The system of agriculture that has been occently introduced, The leading feature of which is the exclusion



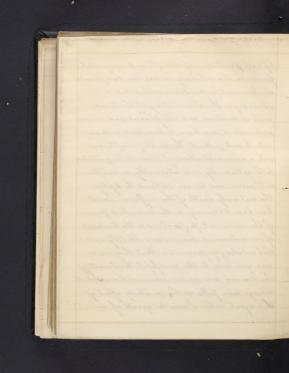
of the grazing system, and consequent Gertilization of the soil, while it has enriched the landholder, and given an appearance of opulence to the face of the country, has tended to increase, in no small degree, our annual bills of mortality. The endenies of this climate bear with a greater degree of violence whom the Ofrican propulations, and Those of the whites whose necessities compel them to labour in the marshy lands, and who are necessarily expressed to the alternate action of the oppressive sun and heavy down of autumn. In this season an evident change takes place in the rystem; all the functions of the animal economy seem deranged. A loss of appetite is the first monitor we have of approaching disease: heat come the morning sickness, and evening chill, untill finally a vomiting of bile, for claims in language too



Strong to be misunderstood, that the fever is at hand: an intermettent, if not soon relieved becomes a remettent. The treatment of the first is by gentle emetics followed by catharties of calomal and other adjuvants; such as magnesia, oil, salts and sonna. On the sulphate of gumens as a lonic we principally rely, given in doses every hour during the intermession. On active and prompt empression should be at one made upon the System, Otherwise we may expect an obstinate intermettent for weeks, or it may be protracted for months; indeed it often assumes the shape of continued fever: Such is the common mede of treatment in simple intermittent of this section of country: There are some eases however which approach in such an appaling Shape, that our intmost energies are required to overcome them. The cold stage is attended



by vast prestration of strength and every vital power: in this extremely we use the camphorated emulsion and serpendaria with decided advantage, The stimulating applications, such as musturd seed catafolasms and warm embrocations, are here to be called in to our aid: Indeed without the most prompt and active administration of stimulating articles, both externally, and internally, no reaction will ensue, and we are destined to depotore the untunely death of the sufferer. Smust here bear testimony to the unrivalled power of the mercurial preparations in the treatment of our autumnal diseases; and I boldly and unhesitalingly pronounce, that they are a sine qua now to the successful treatment of the deseases now under consideration. I shall enlarge more fully on the masterly effect of this agent, when I come to speak of



Believes Pleurery, which we call our provalent winder disease. It is by the judicious use of calomet, followed by tonic remedies, that we are enabled to reserve the puteant from the Sequela of this disease, Chronic hepatitis, Tropsies Vi. te. Many coses present grightful consequences, either of empirical practice, or unpardonable maglast; Such are to be found among those, who have not a brerved the mercurial course, or who have withdrawn thermsolmes, lor early, from the use of inergorating remodies. The Bilions Sulumnal Romettent iner proporty so called, is the next in order and may be considered second in prolence. The cases of this disease, are generally of an unmixed character; that is, unattended with topical congestion or local determination. The hepatic organs may be hore considered as primarily affected; The crated ton que,



the jour deed up, and the other symptoms denoting derangement of the animal machine, fromt will unerring certainly to the provading malady. (We are now call dupon in many cases, to encunter an obstenate, and ver frequently a dangerous disease; and the first enquery that suggests dely is the the Thera beutic agent necessary for els care-(If here no local determinatur onests, we commence well the moreural fungatives Calonal alone, is in most cosas, most advantagiousty employed. The irritability of stemach, which we sometimes med with is exceptive, and no other cremedy can be idelamod. I'am of comien that omotics so commonly procesorited are not well sinted to our autumnal jevers: for the writability of the stomach, a destrofsing symptom, exests in an increased days a after emolies



have been used. The purgalises most ahmored of atter the mercurial are I hubartsalls, or oil, they afsist the operation of the Catomet, and we breserike them as aunitary (means only. In imedicalo cases o' belious yever, we find that it is unnegeliary to carry the oner eureal folians to the extent of salwation: indeed, we avoid such a result by evacuating the alimentary canal therewithy, after each dose of the remedy. But some and no are then ratisfied, that the decongoment of the beliany organs is such, as to require the mercurial importsion, When such is the state of the system, in de net hesitate to untry the semedy perseveringly, the affection of the valuary glands is generally hailed as The best sympitors of convalescence: It is "grequently attended by a explaner of fecer?



the its wonled luster; and tur a i carana of the water to indivities d'a se duties Share livere dated that we selden see cares unas hod well level delerminations but there are some exceptions to the rule, and these must be met with a defferent course of Treatment, ' holent delireum' amounting at mens to Thremitis and distressing pair in the Epigastrusias, or over the abdomen, denoting inflammation of the at dominal rescera, call for copicous depolition with the Lawret, and other ouxileary somedies: Epispasties to the while head use sometimes required and cold applications have a happy effect is removing deterium. and calming the disturbed corebral functions. In the course of the breatment, while the



purgative effect is required there is no Cromody letter suched to the disease, than the combination of Calomol, alow, and Salap, presented by Ir. books, in his tourned efray on & predence favers: the Annhast, as a substitute for the Salah, would porhaps be a judicerus change is the compound. It is less aft to excite naus in and wenting; which is an unto brosant Symptom, and Sometimes, very un manageables The dark and fated en accuations certainly call for a continuance of the to quard so against one in this state of things. He kine that the secretions of the borreis are attered by artain agents which act chemically upon thens: Such is the effect of calomet on the intestinal luches The concentions often a sum a dark hum,



which is not the case when they are Goveduced by other low galeres: I Knowledge of this errounstance will provent is from pushing the remody low far, so as to preduce Copious ply alisms, an unpole asant, and in Some cases, a ha gardous remody. The blue mals with aloes, in small dozes, is gorowable in huping up a constant and healthy beliany socrations, and in the closing stogs of Belious Forces is advantagiously used. In this section of country the Jenies are prescribed as soon as the proofser evacuations are used. All the better Sonies ure employed with benefit in the convalescent stage of our Autumnal Sever: The fore branes should, however be given to the Sultshale of Quemino, is well regulated doses. There the nameus my stern has been aboiled a combination of



Campber and Quenero is well coloulated to westore its lost energies. The Cupatorium and bornes Horida, of our forests, are much implyed by slave holders Instead of the bush and its various josefarations In the practice of this progues Frontitioners make a limited use of what are denominated tibriluge or Deaphoretio remedies. As from as the wasuating plan has been used, there is a solution of the four is most cases: In the after part of the treatments, when slight fover wrises with hot steen. They resort to Sport. Nels. Dule. and -. Ibinder Sport. The foitimonial foouder of Bush is an efficacions romady; but it most commonly acts as a purgative, and it is to the alteratives effect of the calemot it contains, that we altrebute its beneficial result. In many cases there is so much



gastrie distrefs that antimonials are intirely excluded. In closing my comastison Dilinus. Autumnal fiver Sam marranted in stating, that no sol evil consequences have ver resulted, to porsons trouted on the (moreurial plan as has been supposed by Some, The forest of progudered against all innevations on the old school Fectiones, and every thing in the growth of medern practice, has influenced in no small degree, the Oldert and at one seried the most extensive Raditioner on the Rappahannock. Salledo la-Dr. Tomorville of 6 /30x bounty Perginia. His imagination has conjund up Gorgons, brudras, and chimeras dire, and finad their existence in calomel and the lancet; Wilhout "The aid of these powerful (remadies, he Cordends to breat our Autumnal Belious



Vevers, (all of which he calls nemous) Secunden astern, by the sopious use of Sul. ammoniae, Landanums, and Baste, Every case of Hepatitis, arcsing from badly cured fever, Obstructions of the liver with Pourdice te. he easily accounts for; by laying it at the door of that all destroying Goiren Calomel. Such a practice and would inevitably fellow - from the adoption of this openion, fortunaloly finds no advacates here; for if such were the care, most of those who have been ypared to praise thogertias of thogmoreunal plan of breatment, would have long since, been My aithered unto their Sathers". It can be salely asserted that the wases of Hopatities on the Rappahannock River are as Your as in any other measmatic country; and it is equally certain that they are



and forduced by the error abuse, but by the original of the more all removed in

autumnal fever -

on our winter descare rolled Believes.

Mening the Coret of this affections is your nully marked with a dry troubles one, cough, small and difficult as prectorations, quick and frequent pulse, constant watching, great on suity of constant watching, great on suity of constant watching, great on suity of countinance to, Blicellithing in this fourth of the discussion would be manifestly enjoyeers, and greatly but to hinglesses on the fourth or fith day, with hinglesses on the fourth or fith day, with his some implayed. This discuss

romand has been employed. This disease is best characterized by the corners synthems indicating belo in the prince rice; the patient having in the praceeding actume been affected with, the fall fever? When with it



to a patient willy Believes Mourisy, the Level thing is be done is to to accurate the stomach; the last are fact autimony combined with theowenenthe in the proportions of ine or two grains of the former to lefton of the latter, constitutes a very good emotio. The next indication to be fulfiled, is to evacuate the bile from the intestines; for this Burboso the drastic cathartees are principally used, the most efficacions of which I have mentioned in my preceding observations on our believes autumnal fever, - Imong this class of remodies, culomel stands preeminent, and it is on this invaluable medicine, in combination with some one of the regitable catharties, that (we mainly rely. He specific action on the abdominal viscera is always consumested; emulging who liver, and evacuating the dark



and releated matter ledged in the intestines. The bentinued water of the Gorgeing peraceties, the procumence sombloms rolden. fact to disa chear and the core is ver iteled to the exhibition of In Kurh's antimonial "howder, with a view to its alteration effect, and the leberal us of Tomes, one of the most valuable of wind, is the Sorbontario, exhibited in infusion as well for de diabherelie as lones properties: It is a favourile remody with Practitioners in this section of country. If the cough Continues troublesome, we resort to expedorunts: I raturaled decoclines of the Polisgala Sinoga when the in laminatory remitores have subsided, is a valuable modioine. This is the mouner in which the descare generally



terminates, but a remarkable circumstance sometimes occurring, deserves to be mentioned. of the pleuro is generally symptomates, desending for the most bast in the intialed secretions, but as soon as purgations are administered, and a copious secretion of bile ensues, a rudden metastasis la les 'julace, the influenmation falling whom the lungs, and freducing all the symplemes of acute proumonia. Our treatment in this Tago of the desease is widely different from what I was in the Commencement. The Land is grow to be used, and the bleading to be repeated as often as the situations and Aronghts of the balunt will admit of it; this evacuation being premised, and The ordinary treatment of pneumonia



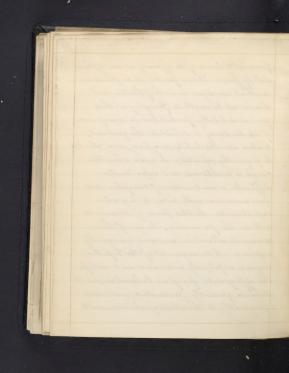
prosend, in wear make symisters generally subside, and the cure is own iteled. But not uninsweather the disease aforemed a to whood character, which think might be culled Brumenia Betiesa Spherden. This form 1, the descuse makers its appearance with a small throad like pulso, and delirium, qual mestration o strongth, Gared longue, and in reme cases total deafness. Cur object is now to support the strength of the patient by the whiteless of stimuli The camphoraled mulsion, but he, und sorpentario are now to be liberally used. Campbhos is prefered to ammonia, by most i sur Produtioners and it some better suited to our winter diseases than the tather article. There also the high authority of Prolessor . Chapman in recommending this medicine. in his therabeuties he spooks in the most



facurable terms of its efficacy in the typheid state of four. Govers predict at night is an excellent ansolyno and dispheretic and should not be enutted: pringing at this princed is totally prohibited, in consequence of site tending to debelitate the policient; blaters are absolutely occupant whould be frequently repeated; he cases when the cough is trublisens, and espectoration difficult, a combination of campber and fun unmerica with interior, is a good fun commence of the form of disease as well as the mondain the most of the

well as the presending, the use of the more wind alterative medicine is surgently required. A durangement of the hopolice organs is plainty indicated and calls for the appropriate specific: Calenal in minute

doses, is generally proseribed, and used frequently to the extent of solvations, with



decided advantage. In the exhibition of Stemuli also Prootetioners de put restrict themselves to the use of campshor, bask de : They resort to Wine, Boundy, and Alkohol, to which cider, so highly recommended by Thefifter Chapman in his clinical testures, might be added with forogracity. Such is the most opproved plan of treatment of the Bilious Diseases of this section of country. Anomalous cases sometimes arise which require a modification of the course here laid down: In these the judgement of the Practioner must be his quide, By a proper observance of the moreurial plan of treatment, and a vegorous use of Jonics, Fractetioners have soldow to contend with the ledious and destructive consequences of our Believes Deserders which otherwise would prostrate the healthy functions of the System, and carry the patient to an untimely Grave

